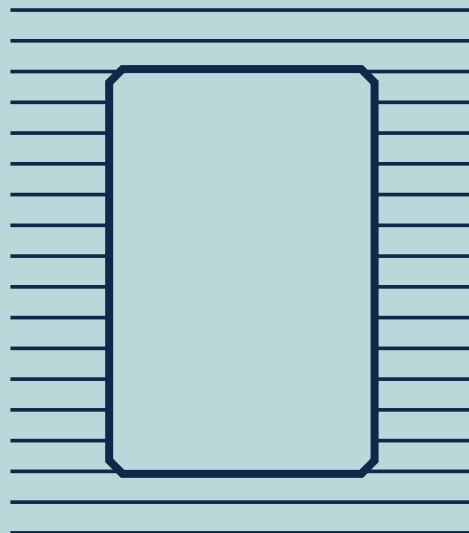


INSTALLATION GUIDE
ARENA | STUDIO | ORIGINAL | MAX

Step 07

Finishing + Surrounds



Our 8 step process to installing your Plungie

[Click here](#) to access the complete Plungie Install Guide.

Alternatively, you can click on any of the 8 icons below, each representing a specific step in the installation process.

Clicking on an icon will take you directly to the corresponding guide, allowing you to access the information you need quickly and easily.



Choose Plungie



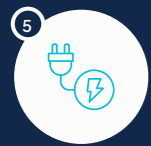
Building Approval



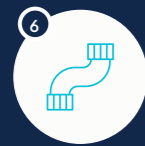
Site Preparation



Crane Hire



Electrical + Backfill



Plumb Up



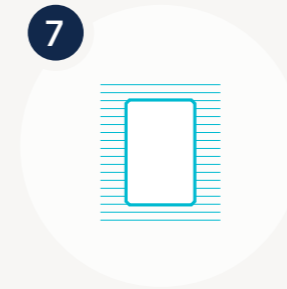
Finishings + Surrounds



Fill + Start Up

This information is offered as a general guide only, and specific advice should always be sought by engaging with an engineer before undertaking any installations specific to your site.

Whilst Plungie Pty Ltd has made every effort to ensure the accuracy and effectiveness of this information, we make no representation as to the accuracy or effectiveness of the information and take no responsibility for any loss, damage or injury which may be caused as a direct or indirect result of the use of this information.



Step 07 Finishing + Surrounds

- WATERLINE TILES (OPTIONAL)
- COPING TILE
- DECKING / PAVING / SURROUNDS
- LANDSCAPING
- POOL FENCING CERTIFICATION

The content provided in this guide is part of an 8 step process extracted from the [Plungie Install Guide](#)

This guide is intended to provide you with a brief overview of this step, within our 8 step process. However, it's important to note that this excerpt should be read in conjunction with our more detailed guide and engineering set.

The more detailed guide and engineering set contain critical information that will help ensure a successful installation, and we highly recommend that you refer to them throughout the process.

By doing so, you'll have access to all the necessary information, including installation diagrams, specifications, and step-by-step instructions.

So, let's get started!



This guide is continually updated, please ensure you are accessing it via the link provided to ensure you are viewing the latest copy.

Doweling into your surrounds

Surrounding slabs should be connected to your pool through a doweling system. As per our engineering, you can dowel into your surrounds via ferrules which are an optional inclusion within the pool shell.

Below is a high level diagram of a concrete apron joint. Refer to the Plungie Engineering Set where it provides further detail and specifics on 'Optional Typical Concrete Apron Joint Detail'.

PRODUCT DETAILS AND SUPPLIERS

Threaded Bar N12 x 600mm

Supplier: Actech

Part Number: 5THRB12-60N

- The above product is a 12mm threaded rod, this can also be purchased from Bunnings or an alternative supplier.

Chino Dowelsert 16mm Dry

Supplier: FormDirect

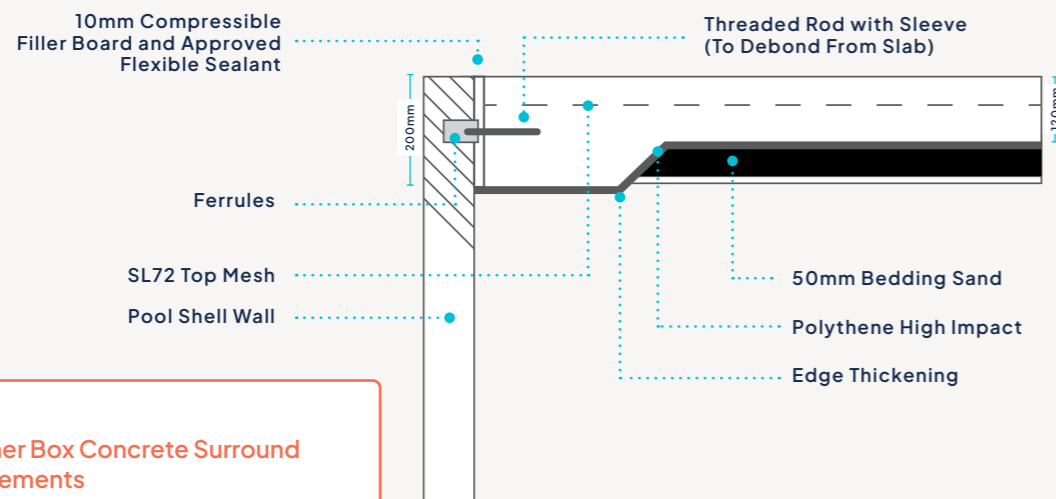
Part Number: DS16600NS

TYPICAL CONCRETE APRON JOINT DETAIL (OPTIONAL)

A simplified example only of this has been shown in the diagram below. For measurements and details refer to Plungie Engineering Set for further detail.

Things to note

- Only apply this detail if concrete apron is required for the specific site
- Concrete apron is to be detailed to ensure it will not induce any additional bending stresses in the pool shell walls
- If an alternative joint / apron detail is proposed, it will need to be assessed by a local certified structural engineer
- Ferrules are not to be used for fixing independent structures



Skimmer Box Concrete Surround Requirements

Prior to pouring the surrounds, make sure to incorporate ableflex or boxing around the skimmer box.

This prevents potential cracking of the skimmer box unit due to concrete expansion or contraction.

Things to note

This is a representation only, refer to engineering set for details.

Glass Balustrade Fencing

The information provided in this guide is to assist with the ordering and installation process for glass balustrade fencing. The installation of such fencing should be undertaken by a professional and in accordance with any instructions provided by your glass provider.

Only the glass balustrade outlined in this guide is compliant and all other attachments to the shell may void the 10 Year Plungie Warranty.

By following the guidelines in this document the end result of the glass balustrade fencing will be;

- Maximum 50mm gaps between panels on the side of the pool.
- Approximately a 70mm gap between on corners where glass panels meet.
- Maximum 25mm gaps between a corner glass panel and the corner of the pool.
- 1.26m high barrier to the pool on all edges the glass balustrade fencing is installed. This allows for a maximum 60mm coping to still deliver a 1.2m high barrier.

ORDERING

We recommend contacting Trade Glass Depot when ordering your glass and standoffs.

Trade Glass Depot operate independently of Plungie but have experience working with our product and understand the technical requirements. Trade Glass Depot deliver Australia wide and can provide all equipment required.

Refer to the following pages which detail the panel requirements for each Plungie model.

TRADE GLASS DEPOT

Phone: 1300 889 375

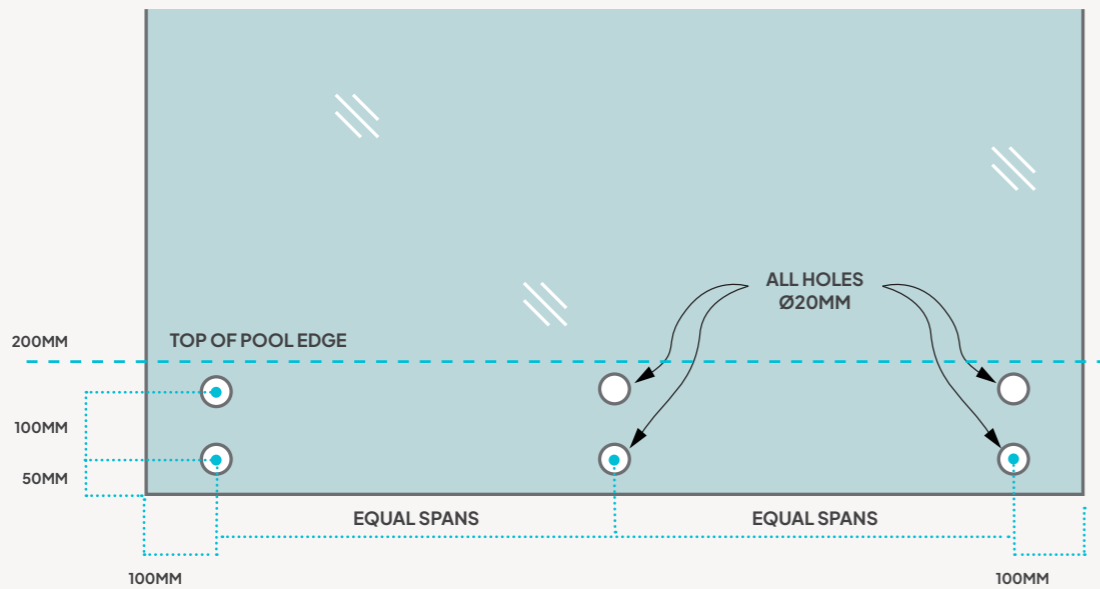
Email: info@tradeglassdepot.com.au

57 Yarraman Place
Virginia, Queensland, 4014

tradeglassdepot.com.au

Glass panel requirements

- 12mm Toughened Glass
- R5 Corners
- Ø 20mm holes for attachment
- For all panel size options (refer to Panel Requirements), outer mounting holes are 100mm from edge of the glass. This ensures a 50mm gap between panels and 25mm gap on the edge of the pool.
- Bottom mounting holes are 50mm from lower edge of glass.
- A panel height of 1460mm is recommended to deliver a 1260mm barrier from the top edge of the pool. A coping tile of no more than 60mm high can be added to the pool to maintain a minimum 1200mm high barrier. Panels of a shorter height may be used in accordance with your local regulatory requirements.



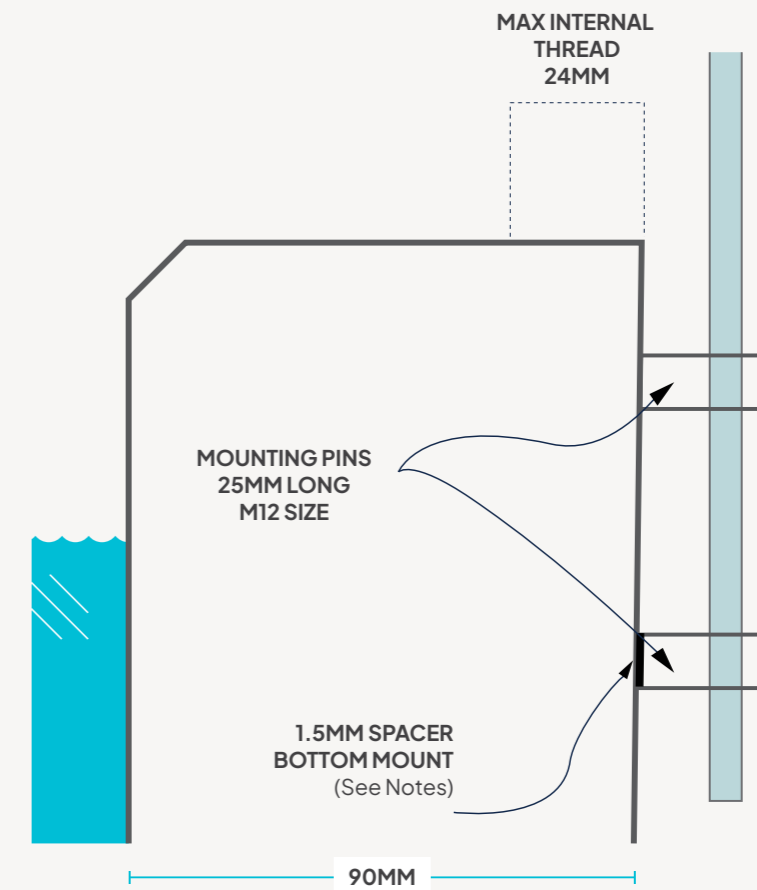
Mounting requirements

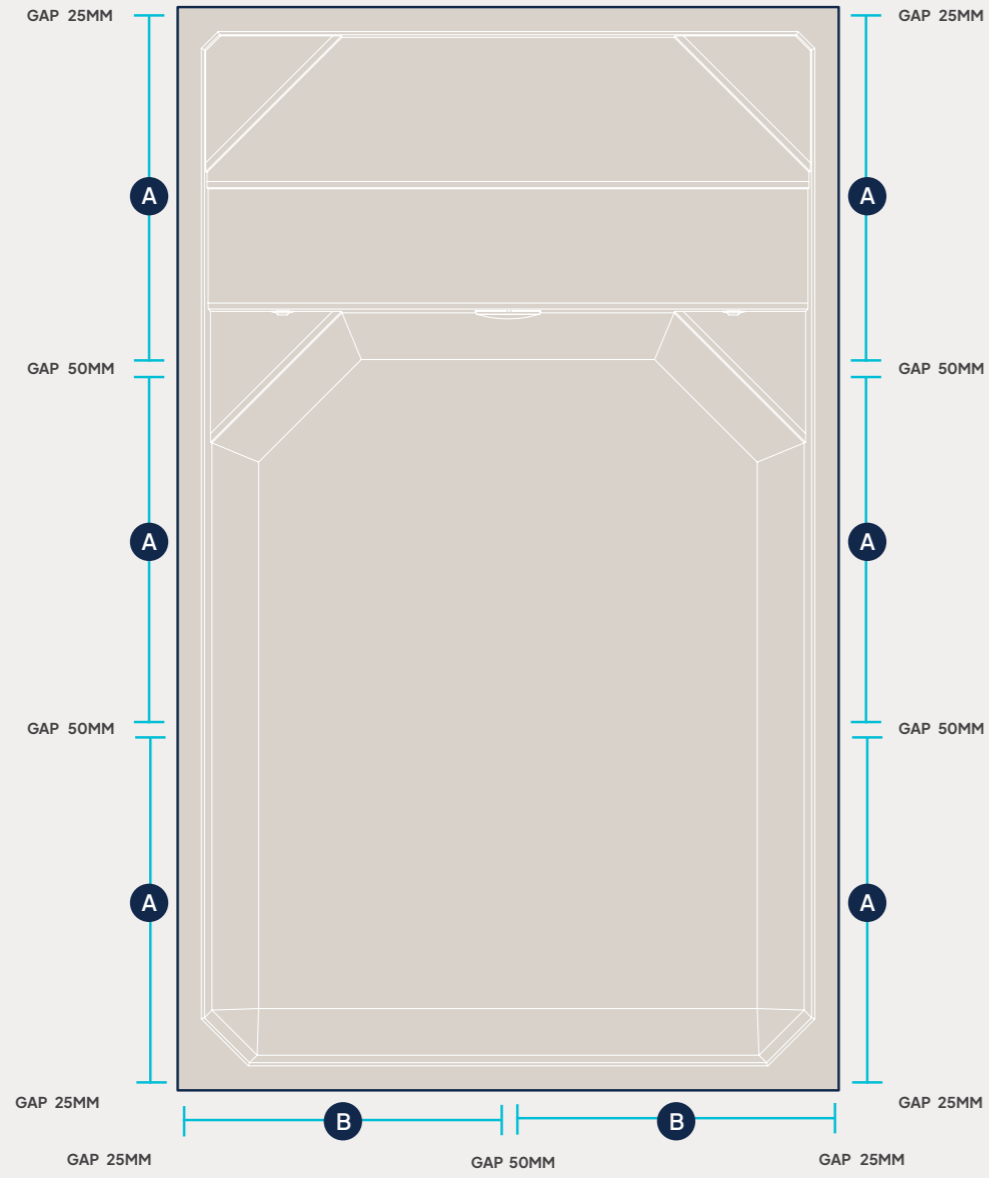
- Use M12 x 25mm mounting pins.
- Do not over-tighten mounting pins. Use a torque wrench set to 57Nm.
- Maximum depth of internal thread is 24mm.
- Earthing is not required for mounting pins.



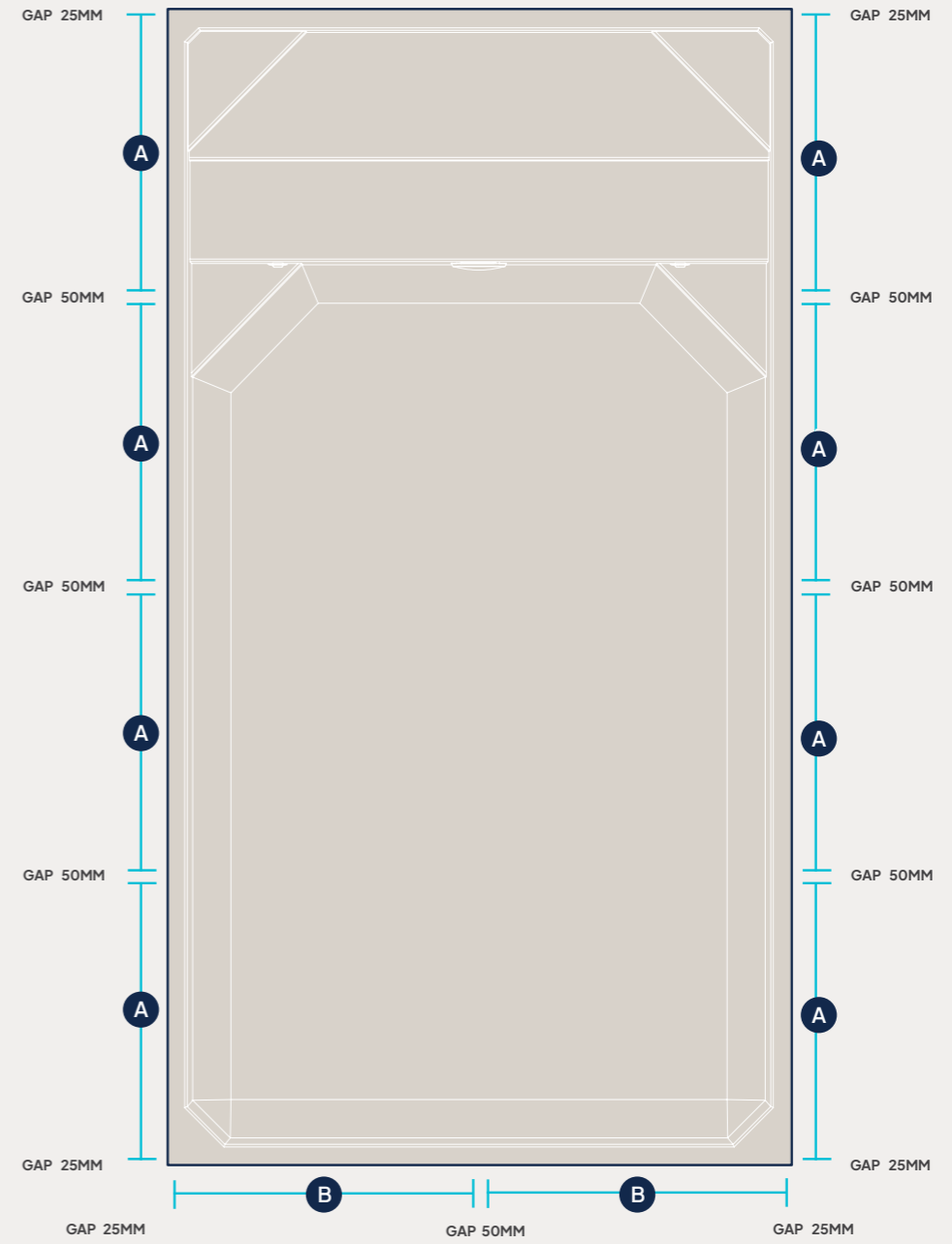
Things to note

- The side walls of all Plungie's taper. To accommodate for this and ensure the glass panels remain upright, a **1.5mm spacer is required on the bottom mounting pin only**. Some adjustment may be required on site to achieve a

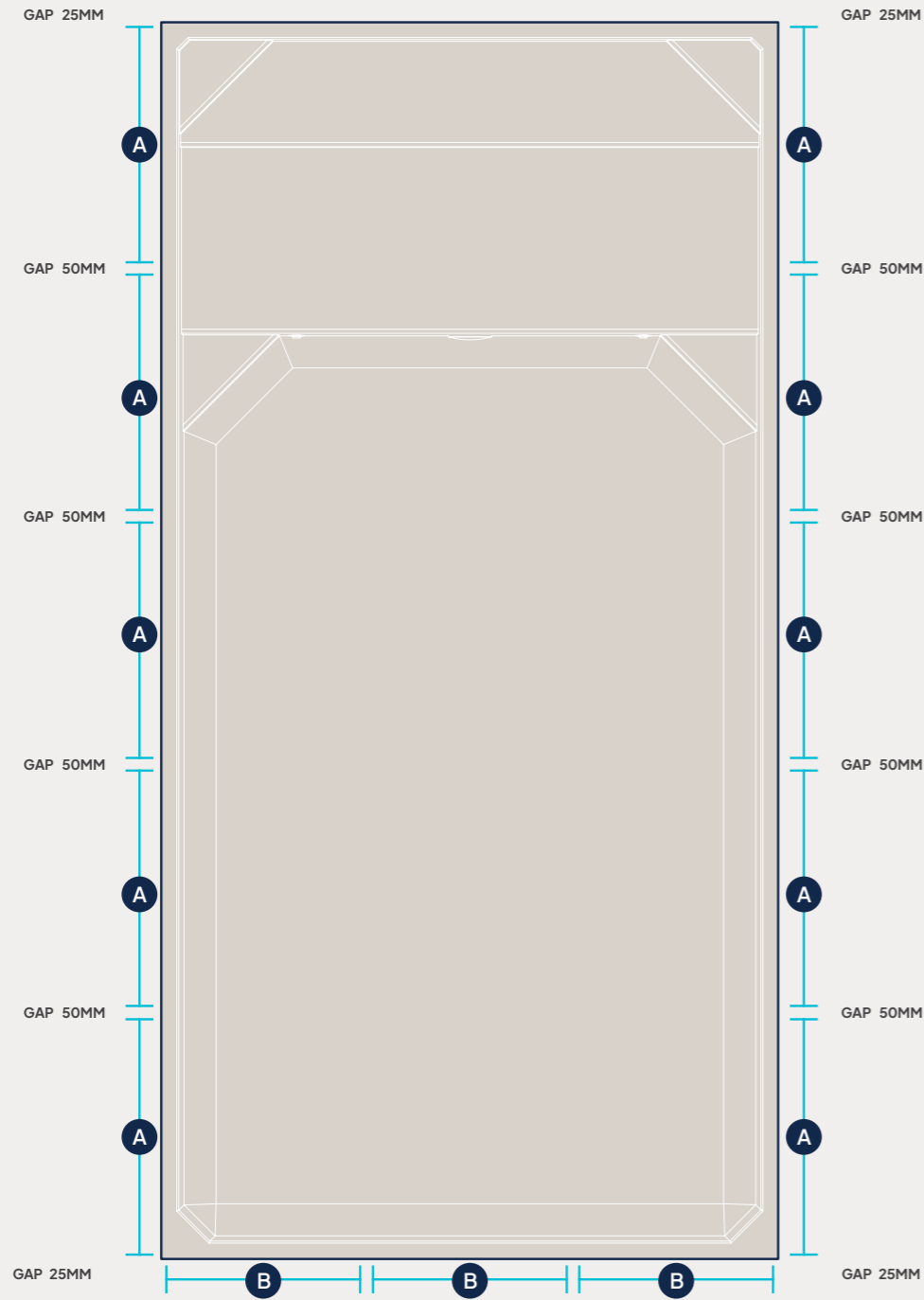




	A	B
Number of Panels	6	2
Panel width (mm)	1150	1050
Panel height (mm) - Recommended	1460	1460
Final panel height above pool (mm)	1260	1260
Mounting Pins Required (Per side)	18	12



	A	B
Number of Panels	8	2
Panel width (mm)	1100	1200
Panel height (mm) - Recommended	1460	1460
Final panel height above pool (mm)	1260	1260
Mounting Pins Required (Per side)	24	12



	A	B
Number of Panels	10	3
Panel width (mm)	1150	950
Panel height (mm) - Recommended	1460	1460
Final panel height above pool (mm)	1260	1260
Mounting Pins Required (Per side)	30	18

Tiling requirements

When purchasing a Plungie as a blank shell, meaning without our standard ecoFinish internal coating, the Plungie will require waterproofing in-field before the internal tile finish can be carried out.

We recommend engaging a trade qualified tiler who has experience waterproofing and tiling concrete pools as this is a critical step in finishing the internal of the Plungie.

The below recommendations have been put forward by Living Style Landscapes as a general guide to assist in scoping your project.

HIDE SKIM LID

The Hide Skim solution allows you to replace your factory finish lid with a stainless steel lid that has an inlay allowing you to drop in your surrounding tile or decking board for a seamless finish.

Supplier	Reece Plumbing
Product Code	1536728
Size	342mm Hide Skimmer Lid Kit Inlay 15–22mm

WATERPROOFING THE SHELL

Product	Laticrete Hydro Ban
Coats	Two
Application	As per product direction Further information on Laticrete Hydro Ban can be found here.

GLUING + GROUTING LARGE FORMAT TILES

Glue	Laticrete 335 Further information on Laticrete 335 can be found here.
Grout	Mapei Keracolor FF Further information on Mapei Kercolour FF can be found here.

GLUING + GROUTING SMALL MOSAIC TILES

Glue	Mapei Keracolor FF in selected grout colour mixed with Mapei Liquid additive (mix turns grout to glue).
Grout	Mapei Keracolor FF in selected grout colour mixed with water, as per product description. Further information on Mapei Kercolour FF can be found here.

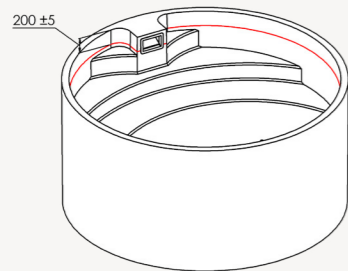
Waterline Tile Provision

When selecting ecoFinish, a provision can be made for the ecoFinish to stop at the bottom of the skimmer entry. This will allow you to apply a waterline tile to your pool once installed.

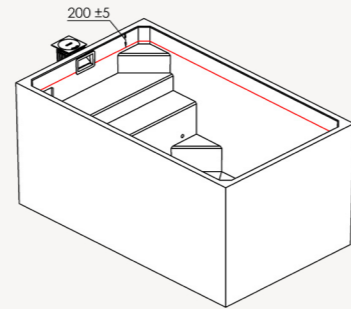
The location for the waterline is approximately 200mm ±5mm from the top of the pool, with our ecoFinish stopping slightly above the first corner step.

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Important:
 The provision for the waterline tile needs to be confirmed prior to production of the pool.

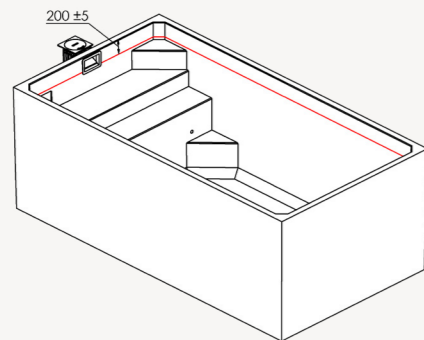
PLUNGIE ARENA



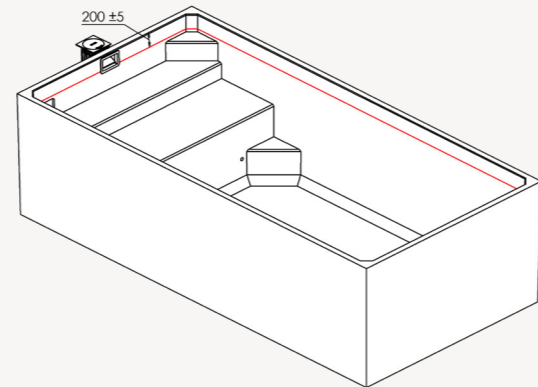
PLUNGIE STUDIO



PLUNGIE ORIGINAL



PLUNGIE MAX



Coping Tiles

We recommend The Pool Tile Company who have a range of coping tiles specific to Plungie's measurements.

PLUNGIE ARENA

- 3.5m diameter
- Mosaic Edge Recommended

PLUNGIE STUDIO

- 3.6m x 2.2m
- 28pce Coping
- 4pce Diagonal Corners

PLUNGIE ORIGINAL

- 4.6m x 2.5m
- 35pce Coping
- 4pce Diagonal Corners

PLUNGIE MAX

- 6m x 3m
- 46pce Coping
- 4pce Diagonal Corners

COPING DETAILS

All items are non-stocked and custom made to order - lead times apply.

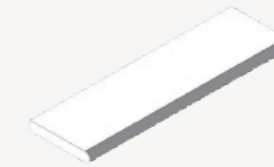
Coping quantities are calculated on pool lineal meters with 10% wastage - some on-site cutting is required

EXTERNAL OVERHANG:

5mm to allow for render, mosaics, or cladding on exposed external shells.

INTERNAL OVERHANG:

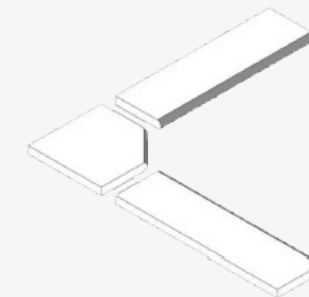
5-10mm, to allow for +/- 5mm shell manufacture variance.



Coping Tiles
 Shaded edge is Profile Edge

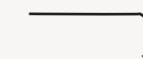


Diagonal Internal Corners
 Shaded edge is Profile Edge

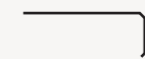


Tiling Guide for Corners
 Shaded edge is Profile Edge

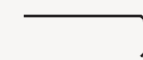
PROFILE EDGE OPTIONS



Machine Bullnose



Machine Square



Tumbled



Natural Travertine



www.plungie.com
1300 PLUNGIE (758 644)